

ABSTRACT OF DISCLOSURE

An improved oral rehydration solution comprising standard formulae of sugars, mineral salts and bicarbonates in combination with *Croton* species materials with or 5 without the inclusion of material from the *Uncaria* species. The botanical components are concentrated biologically active materials and thus enhance therapeutic benefit. The *Croton* component functions as an effective non-paralytic agent in managing diarrhea that is superior to loperamide resulting in a lower stool output. The functionality of the *Uncaria* species is as an effective anti-inflammatory 10 agent via NF- κ B activation inhibition and protecting gastrointestinal epithelial cells from oxidant-induced death.